

MODIS TECHNICAL TEAM MEETING

**Building 33, Room E125
June 1, 2000**

Vince Salomonson chaired the MODIS Technical Team Meeting. Present were Barbara Conboy, Al Fleig, Dorothy Hall, Mike Roberto, and Eric Vermote, with Deborah Howard recording the minutes.

1.0 SCHEDULE OF EVENTS

AGU 2000 Spring Meeting Washington, DC	May 30–June 3, 2000
MODIS Science Team Meeting College Park, MD	June 7–8, 2000
COSPAR 2000 Warsaw, Poland	July 16–23, 2000
COSPAR/IRS Joint Symposium Warsaw, Poland and St. Petersburg, Russia	July 21 and July 24, 2000
IGARSS 2000 Honolulu, HI	July 24–28, 2000
IRS-2000 St. Petersburg, Russia.	July 24–29, 2000
EOS/SPIE Symposium on Remote Sensing Barcelona, Spain	September 25–29, 2000
SPIE's Remote Sensing Japan 2000 Sendai, Japan	October 9–12, 2000
VENICE-2000 (Oceans from Space) Venice, Italy	October 9–13, 2000
PORSEC 2000 Goa, India	December 5–8, 2000
Aqua Launch	December 21, 2000

2.0 MINUTES OF THE MEETING

2.1 MAST

Conboy presented an updated version of the agenda for the upcoming MODIS Science Team meeting. The agenda and some other information on the MODIS Science Team meeting has been posted on the MODIS Web Site at:

<http://modis.gsfc.nasa.gov/MODIS/> under the “Meetings” section.

2.2 Instrument

Salomonson asked about progress on the MODIS Tiger Team that Paul Westmeyer is heading. Roberto replied that Westmeyer plans to discuss MODIS issues, including the ADC issue with Peter Minnett.

The group briefly discussed the pros and cons of how early MODIS Level 1B data was released and the disclaimer associated with ordering MODIS data. Salomonson mentioned that he is hearing from many quarters indications that there seems to be a lot of negative messages about MODIS going around. Salomonson said that we might review the disclaimer on L1B as it may promote, via it's location (e.g., the first thing that one sees) an unnecessarily negative view/perception of Terra/MODIS. He recommended that the MODIS Team be sure to also describe the positives about MODIS so as to provide as accurate a description of MODIS capabilities as possible. Vermote said he was positive about the material that he is going to present at the MODIS Science Team meeting.

Roberto commented that Raytheon/SBRS is now under contract to support Terra-MODIS. SBRS has seen an indication of better ADC performance for band 36 on the B side based on spacecraft thermal vacuum testing. Roberto mentioned that he believes a switch to the B side of the instrument should be considered only if side A operation is determined to be unacceptable.

For Aqua-MODIS, Salomonson said that some adjustments likely need to be made to properly do the Sea Surface Temperature (SST). He said that due consideration should be given to the Land matters, but we may need to do what is necessary to optimize SST. Salomonson said that he wants to alert George Morrow as soon as possible to adjust Aqua MODIS so that SST will be done appropriately on Aqua.

2.3 DAAC/MODAPS

Fleig reported that there have been more EDOS processing challenges recently. No data has been lost so far. However, MODIS will have to go back to get data with the first formal reprocessing. MODAPS is keeping up with what is in the pipeline and the DAAC is processing data as they receive it. Because of recent EDOS challenges and slower than expected catch up on the last EDOS data gaps, May might not turn out to be a “golden month.”

3.0 ACTION ITEMS

3.1 Action Items Carried Forward

1. MODIS Science Team: Send updates on MODIS metadata terms/valids to Skip Reber. These are terms that enable users to search MODIS data. This is part of a request to the Terra Instrument teams to update metadata terms.

Status: This action is open.

2. Discipline Leads: Send feedback to Murphy and Guenther on setting flags for dead (non-functional) detectors while they are set to zero. Currently, MCST would like MODIS Science users to provide feedback on which detectors are dead.

Status: This action is open.

3. Discipline Leads: Send MODIS Data Product table updates to Reber with a copy to Murphy. The MODIS Data Products table is on the Web at: http://eosdatainfo.gsfc.nasa.gov/eosdata/terra/modis/modis_dataprod.html

Status: This action is open.

4. Masuoka: Submit an EOS-PM Data Product Update to ESDIS.

Status: This action item remains open.

3.2 Closed Action Items

1. Murphy: Contact Dolly Perkins to assure that the MODIS caveats on Aqua readiness are carried forward to NASA HQ.

Status: This action is closed. Murphy sent an e-mail to Perkins regarding this issue on May 15 and Perkins replied on May 17.

2. Conboy: E-mail Science Team Members to request prototype and sample MODIS images related to their data product descriptions to be included in the EOS Data Products Handbook, Volume 2.

Status: This action is closed. After the May 22, Technical Team meeting, Conboy e-mailed MODIS Science Team Members to request MODIS images for their data product descriptions to be included in the EOS Data Products Handbook, Volume 2. Images were due to Barbara Conboy by noon, May 31, 2000. Conboy received images for MOD's 09, 11, 13, 20, and 43. Conboy forwarded the images to Sterling Spangler who will incorporate the images into the handbook. Michael King submitted images for the Atmosphere Group. The MODIS team pulled through extremely well in getting some nice images.